Felipe Ignacio Del fierro Fritz

Python Developer Full Stack SSr

Personal Info

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Skills

Skill	Rating
Python, Django, Javascript	★★★★★
Frontend: ReactJs, HTML, CSS, Js	★★★★☆
Micro servicios (API REST)	★★★★★
Data analyst: Pyspark, pandas, Numpy	★★★★☆
Docker	★★★★☆
SQL	★★★★☆
PostgreSQL	★★★★☆
GitHub, GitLab	★★★★☆
Jenkins, Github Actions	★★★☆☆
Pytest	★★★★☆
Apache, NGINX, Linux	★★★★☆
Analytical Skills	★★★★★
Empathy	★★★★★
Problem-Solving	★★★★★
Leadership	★★★★★
Teamwork	★★★★★
Scrum, Agile, Jira	★★★★★
Scrum Master, Team lead	★★★★★

Project management

- Felipe has 6 years of experience in software development with Python and 5 years of experience developing with Django, Django Rest Framework, SQL (particularly PostgreSQL), and 2 years of experience developing with ReactJS. He also has experience in ETL processes using Python, Pandas, Spark, SQL, Big Data tools, Power BI, and Tableau.
- Felipe has led software development projects with teams of 6 people using Agile methodology, delivering results every 2 weeks with satisfactory outcomes for clients. He has worked as a Full Stack developer with Python and ReactJS creating websites such as cerezas.uoh.cl, getsoft.cl, babylu.cl, among others.
- He has experience using SOLID and KISS principles, microservices architecture, Scrum, and other Agile methodologies. Additionally, he has implemented continuous integration with GitHub actions, AWS services concepts, and Docker in some of his projects, as well as Docker implementation with Docker Compose.
- He is continually learning through reading and taking courses on Udemy, and implementing this knowledge in new projects. Currently, Felipe is focused on contributing to web projects as a backend and frontend developer, and eager to implement his current knowledge and learning about SOLID, Docker, Git, ReactJS, design patterns, advanced Python concepts, SQL, and OOP.

Work History

2022-02 - 2023-05

Pyhon Developer SSR

Globant, Santiago of Chile

- Felipe has developed ETL processes based on customer requirements related to Big Data using PySpark, Apache Hive, and DBeaver. As a result, the business grew in agility to visualize big data in a simple way. In addition, agility in decision making was increased by 50%.
- He worked in a team to develop a web application using ReactJS and GCP for a major client, which generates events automatically in Google calendars based on keywords. Thanks to this solution, users are alerted via Google calendar when they have to perform specific tasks.
- Felipe has automated manual tasks with Apache Zeppelin, creating new Hive tables to later view them in Power BI. With this change, analysts had new tools to create reports, decreasing their time spent on tasks by 40%.
- He worked with a mentor to develop his skills to become a better developer.
- Felipe acquired advanced SQL skills, such as SQL concepts and clauses, indexes, triggers, stored procedures, among others.
- He studied SOLID principles, Docker, Git, AWS, applying them in projects with clients.
- Felipe learned Fast API and Flask, and then developed microservices with these frameworks.

2017-05 - 2022-02

Data Engineer

Here Technologies, Santiago of Chile

- He developed a web application capable of reading data from relevant websites for further analysis using web scraping techniques with libraries like Selenium and Beautiful Soup. This application helped analysts identify new changes on streets and highways, which ultimately had an impact on the main product of the business, increasing the amount of relevant data detected for each country by 30%.
- He automated ETL processes for database creation, data loading, and data cleaning using Python. This resulted in a new product where users

can analyze data from different sources in a visual and organized manner, reducing the time in detecting relevant cases by 40%.

- He helped develop a ReactJS application for other teams in the company. He assisted in developing and modifying some modules that were necessary for the project, as the product developer was not available at the time.

2020-01 - 2021-12

Full Stack Python / ReactJS Developer

Universidad O'higgins, Rancagua, Chile

- Felipe oversees the development of a website with an administration panel. The web platform is about analyzing regional data. He has worked with a team of engineers and led the development using Agile. With this website, investors and state personnel can see centralized tourism information related to a specific region of Chile and promote tourism investment in the region.
- He automated ETL processes for database creation, data loading, and data cleaning using Python. The result of this was the ability to connect different data sources into a single website.
- He developed a website (https://cerezas.uoh.cl/) using Django Rest Framework and ReactJS. With this project, site users can post news related to the project, promote the project, and post real-time data on cherry plantations in the region.
- He implements system modeling and architecture, as well as applying SOLID principles in development, allowing the system to be scalable for future implementations.

2020-06 - 2022-05

Full Stack Python / Django / Js Developer

CF Express, Santiago of Chile

- He developed a website that connects different e-commerce CMS platforms (WooCommerce, Shopify, Jump seller) with different courier and package services within Chile through APIs. This allows CMS owners to send their sales through the courier service of their choice via the developed platform. This option is offered in the user's platform administration panel, and depending on the district of each sale, the system will display available courier services based on a fee and a convenient courier for users based on package size and destination.
- He creates a tariff matrix based on the fees of each courier, for which he uses tools such as Pandas, Numpy, SQL. In addition, an algorithm written in Python was implemented to recommend economical tariffs based on parameters that were passed through JSON to an endpoint. This allowed the system to automatically assign the most economical courier to each package.
- He supervises the web positioning of the platform, as well as its maintenance to add improvements. The result is to compete with other companies through SEO and SEM.

2018-01 - 2019-12

Project Manager .NET

GetSoft, Santiago of Chile

- He developed a CRM for an educational sector in Chile. The web platform allows company workers, students, and teachers to manage training courses, expenses, budgets, and other relevant modules.
- He created the database model in SQL Server, which impacts the system's data flow, as well as modeled classes and developed the web design using Javascript, html5, and .NET.
- He leads the development team and holds meetings with important clients in the industry.

Education

2013-03
- 2017-12

Computer Engineer

Universidad de los Lagos, Santiago of Chile

Courses

2020-03   **ReactJS De 0 a experto, Fernando Herrera. Udemy**

2021-05   **Big Data with Pyspark. Udemy**

2022-01   **Flask API. Udemy**

2022-08   **AWS Certified Solutions Architect Essencial**

2020-01   **Git and Github: Fernando Herrera. Udemy**

2019-01   **Docker, de principiante a experto. Udemy**

2022-11   **Scrum Master**